ABSTRACT OF THE DISCLOSURE

An anomalous shadow detection system capable of obtaining
stable detection capacity across all facilities into which the
system is introduced, regardless of variations in the conditions
of the image obtaining environments of each facility is provided.
An image obtaining means obtains an image of a standard-phantom,
and an image readout means obtains phantom-image data thereof.
Said phantom-image data is input to an evaluative model detecting
means which detects evaluative models contained within the image
of the standard-phantom. An evaluating means compares the detected
evaluative models to a desired detection level. If the detected
evaluative models are of a different detection level than the
desired detection level, a parameter setting means resets the
detection parameter, depending on the result obtained by the
evaluating means 32, and the above processing of the phantom-image
data is repeated until the detection result and the desired
detection level are the same.